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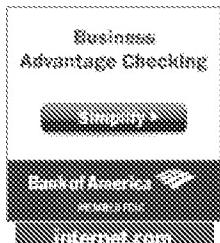
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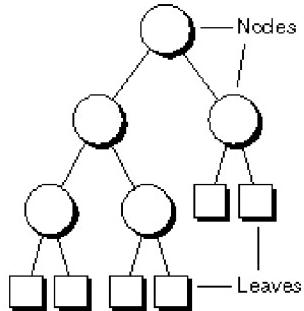Advertise
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tree structure

Last modified: Sunday, September 01, 1996

Binary Tree

A type of data structure in which each element is attached to one or more elements directly *beneath* it. The connections between elements are called branches. Trees are often called *inverted trees* because they are normally drawn with the *root* at the top.

The elements at the very bottom of an inverted tree (that is, those that have no elements below them) are called *leaves*. Inverted trees are the data structures used to represent hierarchical file structures. In this case, the leaves are files and the other elements above the leaves are directories.

A binary *tree* is a special type of inverted tree in which each element has only two branches below it.

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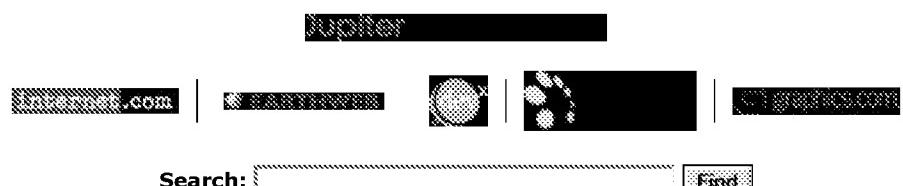
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EXHIBIT B

merge

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Dictionary.com Unabridged (v 1.1) – *Cite This Source* – *Share This*

merge [murj] Pronunciation Key - Show IPA Pronunciation *verb,*
merged, merg·ing.

–verb (used with object)

1. to cause to combine or coalesce; unite.
2. to combine, blend, or unite gradually so as to blur the individuality or individual identity of: *They voted to merge the two branch offices into a single unit.*

–verb (used without object)

3. to become combined, united, swallowed up, or absorbed; lose identity by uniting or blending (often fol. by *in* or *into*): *This stream merges into the river up ahead.*
4. to combine or unite into a single enterprise, organization, body, etc.: *The two firms merged last year.*

[Origin: 1630–40; < L *mergere* to dip, immerse, plunge into water]

—Related forms
mergence, *noun*

—Synonyms 1, 2, 3. amalgamate, consolidate.

Dictionary.com Unabridged (v 1.1)
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merge (mûrj) Pronunciation Key
v.   **merged, merg·ing, merg·es**

v.   *tr.*
1. To cause to be absorbed, especially in gradual stages.
2. To combine or unite: *merging two sets of data.*

EXHIBIT B

v. *intr.*
1. To blend together, especially in gradual stages.
2. To become combined or united. See Synonyms at mix.

[Latin mergere, *to plunge.*]

mer'gence *n.*
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merge

1636, "to plunge or sink in," from L. *mergere* "to dip, immerse," probably rhotacized from **mezgo,* and cognate with Skt. *majjati* "dives under," Lith. *mazgoju* "to wash." Legal sense of "absorption of an estate, contract, etc. into another" is from 1726. *Merger* (n.) in the business sense first recorded 1889; not common until c. 1926.

Online Etymology Dictionary, © 2001 Douglas Harper

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merge

verb
1. become one; "Germany unified officially in 1990"; "the cells merge" [syn: unify] [ant: break apart]
2. mix together different elements; "The colors blend well"
3. join or combine; "We merged our resources" [syn: unite]

WordNet® 3.0, © 2006 by Princeton University.

Kernerman English Multilingual Dictionary (Beta Version) – *Cite This Source* – *Share This*
merge[1] [mə:dʒ] *verb*
to (cause to) combine or join
Example: *The sea and sky appear to merge at the horizon.*

Arabic:	يَدْمِج، يَنْدَمِج	*Japanese:*	合体する
Chinese (Simplified):	使合并	*Korean:*	합쳐지다; 합치 다, 합병하다
Chinese (Traditional):	使合並		
Czech:	splývat	*Latvian:*	saplūst
Danish:	flyde sammen; smelte sammen	*Lithuanian:*	su(si)jungti, su(si)lieti
Dutch:	(doen) samensmelten	*Norwegian:*	flyte, *smelte sammen
Estonian:	kokku sula(ta)ma	*Polish:*	(po)łączyć się
Finnish:	sulautua yhteen	*Portuguese (Brazil):*	fundir(-se)
French:	(se) mêler	*Portuguese (Portugal):*	fundir(-se)
German:	verschmelzen	*Romanian:*	a (se) uni, a (se) contopi
Greek:	συγχωνεύω, συγχωνεύομαι	*Russian:*	сливать(ся), соединять(ся)
Hungarian:	egyesít; egyesül	*Slovak:*	splývať
Icelandic:	sameina; blandast, renna saman	*Slovenian:*	spojiti (se)
		Spanish:	unir

EXHIBIT B

Indonesian: menggabungkan
Italian: fondersi

Swedish: gå ihop, smälta
samman
Turkish: birleşmek

merge[2] [məːdʒ] *verb*

(*with* **into**) to change gradually into something else
Example: *Summer slowly merged into autumn.*

Arabic: يَنْدَمِج، يَتَغَيَّر تَدْرِيجِيّا
Chinese (Simplified): 渐渐消失
Chinese (Traditional): 漸漸消失
Czech: plynule
přecházet
Danish: glide over
Dutch: overgaan in
Estonian: üle kasvama
Finnish: sulautua
French: se fondre (dans)
German: übergehen in
Greek: μεταβάλλομαι
σιγά σιγά
Hungarian: beolvad
Icelandic: renna inn í,
verða að
Indonesian: berubah
Italian: (essere
assorbito da),
sfumare in*

Japanese: ～になる
Korean: ...이 되다
Latvian: pamazām
pārtapt
Lithuanian: pamažu virsti
Norwegian: gå over, *opp i
Polish: przechodzić
Portuguese (Brazil): fundir(-se)
Portuguese (Portugal): mudar
Romanian: a se
preschimba (în)
Russian: сменяться
Slovak: (postupne)
prejsť (do)
Slovenian: preiti v
Spanish: unirse,
fusionarse
Swedish: gå över i,
förvandlas till
Turkish: ...-e dönmek

merge[3] [məːdʒ] *verb*

(*with* **into** *etc*) to disappear into (eg a crowd, back-ground etc)
Example: *He merged into the crowd.*

Arabic: يَنْدَمِج، يَخْتَفِي
Chinese (Simplified): 消失
Chinese (Traditional): 消失
Czech: ztratit se (v)
Danish: flyde sammen
Dutch: opgaan in
Estonian: sulama
Finnish: sulautua
French: se perdre (dans)
German: eintauchen
Greek: γίνομαι ένα με,
χάνομαι μέσα
Hungarian: elvegyül
Icelandic: blandast inn í
Indonesian: berbaur
Italian: confondersi

Japanese: ～に溶け込む
Korean: ...으로 사라지다
Latvian: izgaist, pazust
Lithuanian: išnykti
Norwegian: blande seg
med, forsvinne
i
Polish: wtopić się
Portuguese (Brazil): fundir(-se)
Portuguese (Portugal): sumir
Romanian: a se pierde (în)
Russian: исчезать
Slovak: stratiť sa (v)
Slovenian: zliti se
Spanish: perderse
Swedish: försvinna in i,
smälta samman
med
Turkish: karışıp
kaybolmak

See also: merger

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EXHIBIT B

Merriam-Webster's Dictionary of Law – *Cite This Source* – *Share This*
Main Entry: **merge**
Pronunciation: 'mərj
Function: *verb*
Inflected Forms: **merged**; **merg·ing**
transitive verb 1 : to cause to unite, combine, or coalesce <*merge* one corporation with another>
2 : to cause to be incorporated and superseded <one effect of a judgment is to *merge* therein the cause of action on which the action is brought — *American Jurisprudence* Second> —compare BAR 3b intransitive verb : to become combined : undergo merger

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